

Session 7.C: Countermeasure and Response Administration in Wide Spread Events

Presented by:
Sam Rodgers
Dr. Perry Smith
George Bond, MPH
Vicki Kipreos, PMP



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Agenda

- Session logistics
- Introductions
- Overview - wide spread use of countermeasure and response administration
- Topic 1: Effectiveness and thresholds of CRA
- Topic 2: Affect of IND protocols on CRA
- Topic 3: Role of CRA at federal/state/local levels
- Next steps



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Session Logistics

- This is a breakout/feedback session
- A discussion question will be posed to session participants
- All participants will join a breakout group for discussion
- One “scribe” will be appointed per breakout group
- Read-out of discussion points will be presented to entire audience by each breakout group scribe
- Next question will be posed
- Repeat for the remaining questions



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Session Logistics

- Notes:
 - ◆ Please stay in the presentation room
 - ◆ Please use flip charts to record discussion points
 - ◆ Please hold to time limits, so that we may complete all question discussions
 - ◆ YOUR INPUT IS VITAL- please participate!



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Introductions

- Sam Rodgers
 - ◆ Data Analyst
 - ◆ Immunization Program, State of Delaware Division of Public Health
 - ◆ Delaware's Federal/State/Local Smallpox Data Management Contact
 - ◆ Wrote SQL scripts uploading CDC's PVS Smallpox data extract into MS SQL Server database for custom reporting and integration with State Immunization Registry



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Introductions

- Dr. Perry Smith
 - ◆ Director of the Division of Epidemiology, New York State Department of Health
 - ◆ State Epidemiologist
 - ◆ Leads the CSTE PHIN Team
 - ◆ Works extensively in Communicable Disease Epidemiology
 - ◆ Heads the Department's communicable disease surveillance and control efforts, and electronic reporting



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Introductions

- George Bond, MPH
 - ◆ Buncombe County Health Center Director, Buncombe County Health Department, North Carolina
 - ◆ Past President of the North Carolina Public Health Association and the North Carolina Association of Local Health Directors, and Governing Council Member of the American Public Health Association (APHA)
 - ◆ His primary care practice will initiate an electronic medical record tied into the regional tertiary hospital data warehouse, the only such partnership in the country
 - ◆ Self-proclaimed “geek”



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Introductions

- Victoria (Vicki) Kipreos, PMP
 - ◆ Lead IT Specialist, CDC/IRMO
 - ◆ Certified Project Manager with 17 years experience in healthcare and financial software development
 - ◆ Program Lead of the Emergency Preparedness Systems Group
 - ◆ Has held positions with CDC since Oct., 2001



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Overview- Wide spread use of countermeasure and response administration

- What is Countermeasure and Response Administration?
 - ◆ The administration of vaccine or other types of prophylaxis
 - ★ In preparation for a public health emergency (pre-event)
 - ★ In response to a public health emergency (post-event)
 - ◆ Using isolation and quarantine as methods of controlling or preventing further outbreaks
 - ◆ Using compliance monitoring to track the effectiveness and safety of the countermeasure
 - ◆ Managing the information about the patient, the administration, and the outcome (if possible)



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Overview- Wide spread use of countermeasure and response administration

- Issues that need to be addressed for effective countermeasure and response administration:
 - ◆ Definition of a wide spread event
 - ★ Number of patients involved/exposed
 - ★ Geographical location
 - ★ Method of transmission
 - ◆ Determination of appropriate countermeasure for the event
 - ★ Local health department
 - ★ State health department
 - ★ Federal intervention



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Overview- Wide spread use of countermeasure and response administration

- ◆ Determination of the appropriate countermeasure for the event
 - ★ Mass vaccination
 - ★ Mass prophylaxis
 - ★ Quarantine and/or isolation
- ◆ Acquisition method for the countermeasure for the event
 - ★ Local health department
 - ★ Local hospitals and clinics
 - ★ State Stockpile program
 - ★ Commercial pharmacies
 - ★ Strategic National Stockpile
- ◆ Establishment of plans for administration in the case of an event



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Overview- Wide spread use of countermeasure and response administration

- With these issues in mind, the focus of this session centers on the three discussion topics:
 - ◆ Topic 1: Effectiveness and thresholds of CRA
 - ◆ Topic 2: Effect of IND protocols on CRA
 - ◆ Topic 3: Role of CRA at federal/state/local levels



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Topic 1: Effectiveness and thresholds of CRA

- What are the challenges around countermeasure and response administration in a wide spread event?
- Can administration take place while still trying to collect information about the event, patients, medications, and outcomes?
- What's the threshold when information collection must be minimized? Or stopped completely?
- Can follow-up or compliance tracking really be done?



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Topic 1: Breakout

- Discuss: Effectiveness and thresholds of CRA
- Consider all of the following during breakout:
 - ◆ Mass vaccination
 - ◆ Mass prophylaxis
 - ◆ Quarantine/isolation
- Record discussion points
- Ask questions of floaters if you get stuck!

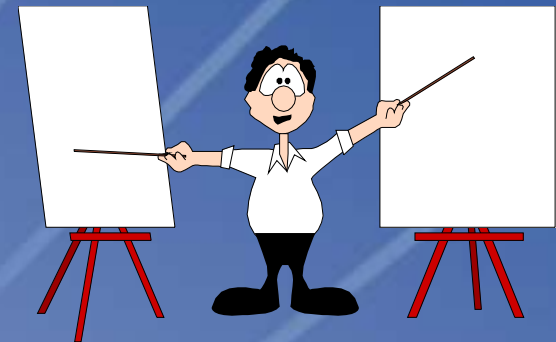


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Topic 1: Readout

- Scribe introduction
- Group discussion review
- Q&A



What do YOU think?



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Topic 2: Affect of IND protocols on CRA

- What does the protocol of an Investigational New Drug (IND) add to the overhead of CRA information collection?
- How can IND protocols be adapted to accommodate wide spread events?
- Has your health department worked with your state IRB to reduce the information burden?
- How do you adapt your CRA plans to accommodate IND protocols? Have you thought of this?



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Topic 2: Breakout

- Discuss: Affect of IND protocols on CRA
- Consider all of the following during breakout:
 - ◆ Mass vaccination
 - ◆ Mass prophylaxis
 - ◆ Quarantine/isolation
- Record discussion points
- Ask questions of floaters if you get stuck!

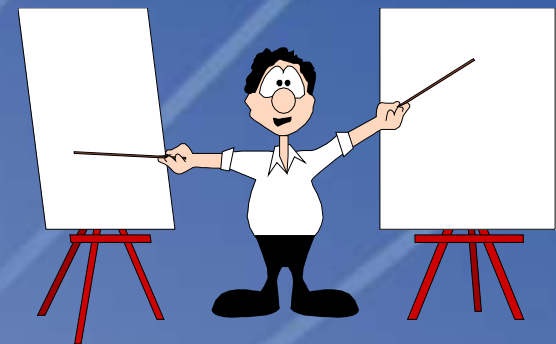


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Topic 2: Readout

- Scribe introduction
- Group discussion review
- Q&A



What do YOU think?



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Topic 3: Role of CRA at federal/state/local levels

- How do the needs at the federal, state and local levels affect the design of CRA data systems?
- Are there different laws and regulations that guide the use of CRA at the different public health levels?
- Is compliance easier or harder to monitor at the different levels?
- Can mandates or directives be established, before and/or during an event, at the different levels?
- How do the levels affect each other? What are their interactions?



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Topic 3: Breakout

- Discuss: Role of CRA at federal/state/local levels
- Consider all of the following during breakout:
 - ◆ Mass vaccination
 - ◆ Mass prophylaxis
 - ◆ Quarantine/isolation
- Record discussion points
- Ask questions of floaters if you get stuck!

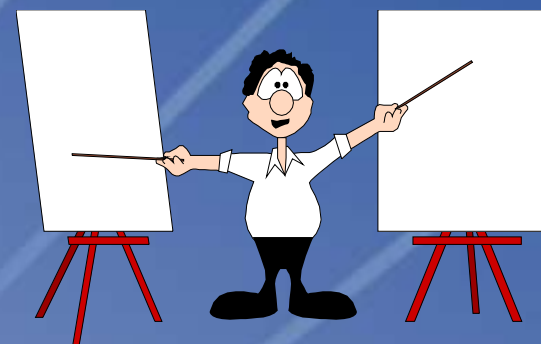


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Topic 3: Readout

- Scribe introduction
- Group discussion review
- Q&A



What do YOU think?



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Next Steps

- Documentation of the session results
- Posting on the CDC PHIN conference websites
- Email contacts for our presenters for further questions or suggestions
- Thanks to you for participating!



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